

10/501566 #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PTO4 Rec'd PCT/PTO 1: 5 JUL 2004

Application No.: Based on PCT/JP03/00311
Filed: Intl. Filing 16 JANUARY 2003
1st Inventor: Yumiko UNO
For: Novel Proteins and DNAs Thereof
Atty. Dkt. No. 3015 USOP

Art Unit: tba
Examiner: tba
Allowed:
Batch:
Paper No.:

Information Disclosure Statement

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P.O. Box 1450
Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

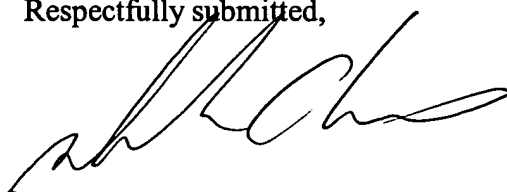
Pursuant to 37 CFR §1.56, 1.97 and 1.98, applicants request consideration of the references listed on the attached Form PTO/SB/08A and 08B. A legible copy of each listed reference is herewith being provided to the Examiner.

Should the Examiner believe that a conference with applicants' attorney would advance prosecution of this application, the Examiner is respectfully requested to call applicants' attorney at (847) 383-3372.

Respectfully submitted,

Dated: 7/15/04

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Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO

(Use as many sheets as necessary)

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| Application Number | Based on PCT/JP03/00311 |
| Filing Date | Intl Filing 16 JANUARY 2003 |
| First Named Inventor | Yumiko UNO |
| Art Unit | tba |
| Examiner Name | tba |
| Attorney Docket Number | 3015 USOP |

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| Sheet | 1 | of | 3 |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | A5 | WO 02/33087 A2 | 04/25/2002 | Curagen Corp. | | ✓ |
| | A6 | WO 02/077237 A2 | 10/03/2002 | Incyte Genomics, Inc. | | ✓ |
| | A7 | WO 02/04520 A2 | 01/17/2002 | Incyte Genomics, Inc. | | ✓ |
| | A8 | WO 02/101045 A2 | 12/19/2002 | Novartis AG | | ✓ |
| | A9 | WO 02/00722 A2 | 01/03/2002 | Millennium Pharm. | | ✓ |
| | A10 | WO 02/12340 A2 | 02/14/2002 | Incyte Genomics, Inc. | | ✓ |

Date
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Sheet | 2 | of | 3 |
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| Art Unit | tba |
| Examiner Name | tba |
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| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | A11 | WO 02/44210 A2 | 06/06/2002 | Bristol-Myers Squibb | | ✓ |
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|---|------|--------------------------|------------------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | Based on PCT/JP03/00311 |
| | | Filing Date | Intl. Filing 16 JANUARY 2003 |
| | | First Named Inventor | Yumiko UNO |
| | | Art Unit | tba |
| | | Examiner Name | tba |
| Sheet 3 | of 3 | Attorney Docket Number | 3015 USOP |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | A12 | J. KAWAI, et al., "Functional annotation of a full-length mouse cDNA collection", Nature, (2001), pp. 685-686, Vol. 409 | ✓ |
| | A13 | J. ORLOWSKI, et al., "Molecular Cloning of Putative Members of the Na/H Exchanger Gene Family", The Journal of Biological Chemistry, (1992), pp. 9331-9339, Vol. 267, No. 13 | ✓ |
| | A14 | M. HALLECK, et al., "Differential expression of putative transbilayer amphipath transporters", Physiological Genomics, (1999), pp. 139-150, Vol. 1, No. 3 | ✓ |
| | A15 | M. WONG, et al., "Identification of a Mutation in the Ileal Sodium-dependent Bile Acid Transporter Gene That Abolishes Transport Activity", The Journal of Biological Chemistry, (1995), pp. 27228-27234, Vol. 270, No. 45 | ✓ |
| | A16 | P. CARNINCI, et al., "High-efficiency full-length cDNA cloning", Gen Bank #BAB31203, (July 10, 2000) | ✓ |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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